

REMARKS

The above preliminary amendment makes changes in the specification in accordance with the corrected Sequence Listing. No new matter has been added. Applicants respectfully request that the preliminary amendment described herein be entered into the record prior to calculation of the filing fee and prior to examination and consideration of the above-identified application. Applicant has included a Marked-up Copy of the Specification to indicate the changes made.



Respectfully submitted,

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**MARKED UP VERSION TO SHOW CHANGES MADE**

**Page 29:**

An example of a suitable "universal" forward primer is provided (written 5' to 3') by the sequence:-

CGA CGT GGT GGA TGTG CTAN [R], (SEQ ID NO 2)

where N [R] equals G or C or A or T depending upon the SNP to be detected for; and a suitable "universal" reverse primer is provided (written 5' by 3') by the sequence:-

**Page 44:**

codon	sequence
Forward primers	
420G/T	ACCAGCTTTGCCAGTTCCK [R] (SEQ ID NO 11)
416C/A	TTCCGTGGGTGTGGCM [X] (SEQ ID NO 12)
Reverse primer	GGCAGAGCGACTAAAAGCAAA (SEQ ID NO 13)

**Table A:** Sequence of primers used to detect Gc1F, Gc1S and Gc2 polymorphisms. K [R]=G or T; M [X]=C or [S]A. 420T and 416A were attached to FAM labelled universal primer G; 420G and 416C were attached to JOE labelled universal primer C.

**Page 50:**

Further investigation were carried out on another locus, namely Amelogenin. The 1<sup>st</sup> round primers are as follows:-

**1<sup>st</sup> round primers**

<b>Primer name</b>	<b>Primer sequence</b>
Amelo X	CGACGTGGTGGATGTGCTTCTGAGCCAATGGTAAACCTGCC (SEQ ID NO 26)
Amelo Y	CGACGTGGTGGATGTGCTAGTGAGCCAATGGTAAACCTGCA (SEQ ID NO 27)
Amelo reverse	TGACGTGGCTGACCTGAGACCATAGGAAGN[X]GTACTGGTGAGAAACA (SEQ ID NO 28)